

WHAT IS CLAIMED IS:

1. A wireless operating system, which is used with a portable communication terminal, for wirelessly operating an operated target,

the system comprising:

a transmitting-end device including transmitting means for allowing operation information required for an operation of the operated target to be transmitted by short distance radio; and

a receiving-end device including receiving means for receiving the operation information and operating means for operating the operated target in accordance with the operation information received by the receiving means,

the transmitting-end device including communication means capable of performing direct communication with the portable communication terminal by being carried with the portable communication terminal, and operation information generating means for generating the operation information in accordance with portable communication terminal information acquired from the portable communication terminal via the communication means.

2. The wireless operating system according to claim 1, wherein:

the portable communication terminal information is

identification information unique to the portable communication terminal,

the operation information includes the identification information,

the receiving-end device includes storage means for storing the identification information and determination means for determining whether the identification information received by the receiving means is identical with the identification information stored in the storage means, and

the operating means operate the operated target in accordance with a result determined by the determination means.

3. The wireless operating system according to claim 2, wherein:

the transmitting means automatically transmit the operation information when the transmitting means become ready for communication with the receiving means.

4. The wireless operating system according to claim 2, wherein:

the portable communication terminal or the transmitting-end device includes input means for

receiving an input for operating the operated target, and  
the transmitting means await an input to the input means before transmitting the operation information.

5. The wireless operating system according to claim 2, wherein:

the transmitting-end device includes transmitting-end device storage means for storing transmitting-end device identification information unique to the transmitting-end device,

the operation information further includes the transmitting-end device identification information,

the storage means of the receiving-end device further store the transmitting-end device identification information,

the determination means determine whether the identification information and the transmitting-end device identification information which are received by the receiving means are identical with the identification information and the transmitting-end device identification information which are stored in the storage means, and

the operating means operate the operated target in accordance with a result determined by the determination means.

6. The wireless operating system according to claim 5, wherein:

the direct communication between the portable communication terminal and the transmitting-end device is wireless communication.

7. The wireless operating system according to claim 2, including:

the portable communication terminal; and

a center device capable of communication with the portable communication terminal via a communication network,

the center device including center device receiving means for receiving the identification information and center device transmitting means for transmitting the received identification information via a communication network, and

the receiving-end device including registration means for receiving identification information transmitted from the center device and storing the received identification information in the storage means.

8. A wireless operating system for wirelessly operating a portable communication terminal,

the system comprising:

a transmitting-end device including detecting means for detecting a state of a monitored target and transmitting means for allowing monitoring information indicating the state of the monitored target detected by the detecting means to be transmitted by short distance radio; and

a receiving-end device including receiving means for receiving the monitoring information, operation information generating means for generating operation information for operating the portable communication terminal in accordance with the monitoring information received by the receiving means, and communication means for performing direct communication with the portable communication terminal by being carried with the portable communication terminal and transmitting the operation information to the portable communication terminal.